

**On substitute page 22:**

in line 5, after "step", insert --;

in line 19, replace "DW-R" with --TW-R--; and

in line 20, after "example", insert --.

5

**On page 23:**

in line 10, replace "Given" with --For--;

in line 11, cancel ", respectively";

in line 15, replace "Further" with --Furthermore--; and

below line 25, insert

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-- The above-described apparatus is illustrative of the principles of the present invention. Numerous modifications and adaptations thereof will be readily apparent to those skilled in this art without departing from the spirit and scope of the present invention.--.

**IN THE CLAIMS:**

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**On page 24 :**

replace line 1 with --WHAT IS CLAIMED IS:--;

Please amend claims 1-15 as follows:

1. (Amended) A network [Network] switching unit arrangement

[(IGATE)] for a communication system [(PBX)], [--] comprising:

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a [at least one] data network line unit [(LAN-AE)] comprising a data network interface [(LANS)] for a [the] connection to a local data network; [(LAN),]

[-- comprising] a signaling unit [(SE)] for a [the] connection to a control unit [(STE)] of said [the] communication system; [(PBX),]

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[-- comprising at least one] a PCM line unit [(PCM-AE)] comprising a bidirectional time-division multiplex-oriented PCM interface [(PCMS)] for a [the] connection to a switching network module [(KN)] of said [the] communication system, said PCM line unit comprising: [(PBX), that]

[--] a DTMF recognition unit [(DTMF)] for an [the]  
5 identification and analysis of control information received via said [the] payload  
connections in a [the] form of DTMF signals; [,]

10        [-- comprising] a conversion unit [(MH)] that is connected to said [the]  
data network line unit [(LAN-AE)], to said [the] signaling unit [(SE)] and to said  
[the] PCM line unit, said conversion unit comprising: [(PCM-AE), and that]

15      [the communication of] data packets depending [dependent] on said [the]  
          evaluation result; [,] and

2. (Amended) An arrangement [Arrangement] according to claim 1, wherein said [characterized in that the] network switching unit [(IGATE)] is [fashioned as] a subscriber line assembly of said [the] communication system [(PBX)].

3. (Amended) An arrangement [Arrangement] according to claim 1 [or 2, characterized in that the] wherein said switching unit [(VM-R) comprises means] is configured for communicating said [the communication of the] data packets: a [--] between internal communication terminal devices [(KE3, KE\$)] connected to said [the] communication system [(PBX)] and said [the] local network [(LAN)], and b [--] between external terminal devices that are connected to further interconnected communication systems[ (KW1, KE2)] forming a

communication network and said [the] local network [(LAN)].

4. (Amended) An arrangement [Arrangement] according to claim 1,  
wherein said [one of the preceding claims, characterized in that the]  
communication network [(KO)] is a digital or an analog communication network.

5. (Amended) An arrangement [Arrangement] according to claim 4,  
wherein said [characterized in that the] communication network [(KO)] is a line-  
bound [and/] or a radio communication network.

6. (Amended) An arrangement [Arrangement] according to claim 1,  
further comprising: [one of the preceding claims, characterized in that]  
a non-volatile memory in which a [an] LAN identifier information  
[(mac)] identifying said [serving for the identification of the] data network  
interface [(LANS)] within said [the] local data network [(LAN)] is stored [in a  
non-volatile memory (PROM) arranged on the network switching unit (IGATE)];  
and

a volatile memory comprising:  
a first sub area in which a logical network identifier  
information [(ipag)] for identifying said [the] data network interface [(LANS)]  
and communication terminal devices connected to the local data network [(LAN)]  
is stored [in a first sub-area (SP1) of a memory arranged on the network switching  
unit (IGATE)]; and

a second sub area in which a communication network  
identifier information [(rnw)] for identifying said [the identification of the]  
network switching unit [(IGATE)] within said [the] communication network  
[(KO) is stored in a second sub-area (SP2) of the memory (SPF)].

7. (Amended) An arrangement [Arrangement] according to claim 6,  
wherein: [characterized in that ]

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cont.

5            said [the] communication network identifier information [(rnw)] is a  
communication network telephone number.

5            said [the] communication network identifier information [(rnw)] is a  
communication network telephone number.

5            said [the] communication network identifier information [(rnw)] is a  
communication network telephone number.

10        a third sub area in which further logical network identifier information  
       [(ipe1,...,ipek)] of further local data networks are stored [in a third sub-area (SP3)  
       of the memory (SPF)]; and

10        a third sub area in which further logical network identifier information  
       [(ipe1,...,ipek)] of further local data networks are stored [in a third sub-area (SP3)  
       of the memory (SPF)]; and

a fourth sub area in which further communication network identifier information [(rn1, ..., rnk)] are stored, [in a fourth sub-area (SP4) of the memory (SPF), whereby] a further logical network identifier information [(ipe1, ..., ipek) and] being respectively allocated to a further logical communication network identifier information [(rn1, ..., rnk) are respectively allocated to one another].

a further conversion unit [characterized in that,] for communicating said  
[the communication of] data packets via said [the] communication network [(KO),  
the network switching unit (IGATE) comprises a further conversion unit (KNK-  
R)] used for converting said [the] logical network identifier information [(ipe1, ...,  
ipek)] into a communication network identifier information [(rn1, ..., rnk)].

a further conversion unit [characterized in that,] for communicating said  
[the communication of] data packets via said [the] communication network [(KO),  
the network switching unit (IGATE) comprises a further conversion unit (KNK-  
R)] used for converting said [the] logical network identifier information [(ipe1, ...,  
ipek)] into a communication network identifier information [(rn1, ..., rnk)].

10. (Amended) An arrangement [Arrangement] according to claim 1,  
further comprising: [one of the preceding claims, characterized in that the network  
switching unit (IGATE) comprises]

a security unit [(FWALL)] for checking [the] routing information

11. (Amended) An arrangement [Arrangement] according to claim 1,  
5 further comprising [one of the preceding claims, characterized in that the network  
switching unit (IGATE) comprises]

10 12. (Amended) An arrangement [Arrangement] according to claim 3,  
further comprising: [through 11, characterized in that the network switching unit  
 (IGATE) comprises]

13. (Amended) An arrangement [Arrangement] according to claim 1, further comprising: [one of the preceding claims, characterized in that the network switching unit (IGATE) comprises at least one]

25 14. (Amended) An arrangement [Arrangement] according to claim 13,  
further comprising: [characterized in that the network switching unit (IGATE)

comprises]

5 a [at least one] further fictitious terminal port [(RP), whereby] in which a connection setup between an external terminal device [(KE1)] and said [the] further fictitious terminal port [(RP)] is provided in a [the] framework of a call initiated from said [the] external terminal device [(KE1)] to a further terminal device or from said [the] further terminal device to said [the] external terminal device [(KE1)].

10 15. (Amended) An arrangement [Arrangement] according to claim 13, wherein said [or 14, characterized in that the] further terminal device is an internal terminal device or an external terminal device.

~~Please add the following claims 16-19.~~

15 16. An arrangement according to claim 4, further comprising:  
an output unit for communicating stored messages to an external terminal device that are output in a form of an announcement or an optical display at said external terminal device.

17. An arrangement according to claim 6, further comprising:  
an output unit for communicating stored messages to an external terminal device that are output in a form of an announcement or an optical display at said external terminal device.

20 18. An arrangement according to claim 10, further comprising:  
an output unit for communicating stored messages to an external terminal device that are output in a form of an announcement or an optical display at said external terminal device.

25 19. An arrangement according to claim 11, further comprising:  
an output unit for communicating stored messages to an external terminal